

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	A DOCKET NO.	SERIAL NO. <i>To be assigned 09/089 894</i>
	19603/871 (CRF D-1792A)	
	APPLICANT Bomshteyn et al.	
	FILING DATE Herewith	GROUP ART UNIT To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DL</i>	1	4,122,166	10/24/1978	Tribble et al.			
<i>DL</i>	2	4,146,615	3/27/1979	Fauran et al.			
<i>DL</i>	3	4,671,958	6/9/1987	Rodwell et al.			
<i>DL</i>	4	4,749,567	6/7/1988	McNatty et al.			
<i>DL</i>	5	4,801,688	1/31/1989	Laguzza et al.			
<i>DL</i>	6	5,013,547	5/7/1991	Sweet et al.			
<i>DL</i>	7	5,064,823	11/12/1991	Lee et al.			
<i>DL</i>	8	5,144,010	9/1/1992	Erlanger et al.			
<i>DL</i>	9	5,162,218	11/10/1992	Schultz			
<i>DL</i>	10	5,166,319	11/24/1992	Wrasidlo			
<i>X</i>	11	5,399,672	3/21/1995	Jalalian et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>DL</i>	12	Sheth et al., "Tumor-Inhibitory Agent from <i>Hyptis emoryi</i> (Labiatae)," <i>Journal of Pharmaceutical Sciences</i> , 61:1819 (1972)
<i>DL</i>	13	Sheth et al., "Antitumor Agents from <i>Alnus oregona</i> (Betulaceae)," <i>Journal of Pharmaceutical Sciences</i> , 62:139-140 (1973)
<i>DL</i>	14	Ukkonen et al., "Birch Bark Extractives," <i>Kemia Kemi</i> , 6:217-220 (1979)
<i>DL</i>	15	Tomas et al., "A Cytotoxic Triterpenoid and Flavonoids from <i>Crossopteryx febrifuga</i> ," <i>Planta Medica</i> , 54:266-267 (1988)
<i>DL</i>	16	"Bark of Common Northern Birch Tree May Be Invaluable As a New Treatment for Melanoma," <i>The Medical Herald</i> , pp. 4-5 (May 1995)
<i>X</i>	17	Pisha et al., "Discovery of Betulinic Acid as a Selective Inhibitor of Human Melanoma That Functions by Induction of Apoptosis," source unidentified, date unknown

EXAMINER

David Lutts

DATE CONSIDERED

2/10/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6.9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
		19603/871 (CRF D-1792A)	09/089,894
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT	
(use several sheets if necessary)		Bomshteyn et al.	
(PTO-1449)		FILING DATE	GROUP ART UNIT
		June 3, 1998	1646

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
NOV 23 1998 O PPE	5,034,223	07/23/1991	Abrams et al.	424	85, 8	
NOV 23 1998 O PPE	5,639,656	06/17/1997	Wright, Jr.	435	349, 1	
				.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 19603/871 (CRF D-1792A)	JUL 27 1998 U.S. PATENT AND TRADEMARK OFFICE	SERIAL NO. 09/089894
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)		APPLICANT Bomshteyn et al.		GROUP ART UNIT 1646
		FILING DATE June 3, 1998		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA- TION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>DL</i>	1	Lindgren et al., "Lupan-3 β , 20 diol and Lupan-3 β , 20, 28-triol in Bark from Birch, <i>Betula verrucosa</i> Erh.," <u>Acta Chem. Scand.</u> , 20:1720-1721 (1966)					
<i>DL</i>	2	Jaaskelainen, "Betulinol and Its Utilisation," <u>Papperi Ja Puu-Papper Orc Trä.</u> , 63:599-603 (1981)					
							98 JUL 28 P-112626
							GROUP 180
							RECD JUL 22 1998 P-112626
EXAMINER	<i>David Letten</i>			DATE CONSIDERED	<i>2/10/00</i>		

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